

Title (en)

High frequency stabilised combustion in aviation gas turbines

Title (de)

Hochfrequenzstabilisierte Verbrennung in Fluggasturbinen

Title (fr)

Combustion stabilisée à haute fréquence dans des turbines à gaz volatile

Publication

EP 2818798 B1 20161019 (DE)

Application

EP 14001966 A 20140606

Priority

DE 102013010706 A 20130627

Abstract (en)

[origin: US2015047363A1] A gas turbine includes a combustion chamber and a microwave source to produce microwave radiation. The gas turbine is arranged to guide the microwave radiation into a cavity of the combustion chamber. Due to the microwave radiation, in the cavity of the combustion chamber, combustion in the cavity may be supported and thus lean operation of the gas turbine is made possible.

IPC 8 full level

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CPC (source: EP US)

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